

# 3

Animal Product  
Manual

## Reference

### *Introduction*

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#### Introduction

The *Reference* chapter of the manual is divided into sections that represent categories of animal products and by-products to help find the regulatory actions to take. All the sections are listed with a brief summary of what is covered and **not** covered under each section. Each section is tabbed, with the section for meat and meat products being further divided by its own set of tabs. At the beginning of each section is a table of contents, an introduction, and a locator. These navigational tools will help you quickly find where you need to go within a section.

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#### Animal Waste and Related By-Products

The *Animal Waste and Related By-Products* section covers animal by-products which have been naturally discharged or released as waste, or are leftover parts of carcasses, or are leftover by-products. Animal waste and related by-products are usually dried, ready to be used as animal feed or fertilizer, processed into glue, or manufactured. Examples include manure and urine of livestock; feces and urine of **other than** livestock imported for analysis and diagnosis; collagen and collagenous parts including cartilage, connective tissue, tendons, sinews, and dried intestines; glue stock; ossein; vomitus of birds of prey; and rendered products for animal feed or fertilizer such as blood meal, bone meal, feather meal, horn and hoof meal, meat meal, and tankage.

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## Blood and Related By-Products

The *Blood and Related By-Products* section covers fractions of blood imported for scientific use. Examples of these blood fractions include antibodies, albumin, plasma, whole blood, antiserum, red blood cells, serum, blood clotting factors, and leukocytes (white blood cells). Also covered under this section are dried blood products such as spray-dried blood and spray-dried plasma.

**Not** covered in this section are rendered blood products such as blood meal imported for animal feed or fertilizer; regulate these products under [Animal Waste and Related By-Products](#) on **page 3-2-1**.

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## Bones and Related By-Products

The *Bones and Related By-Products* section covers the following animal parts and their by-products: bones, antlers, hoofs, horns, skulls, teeth, tusks, gelatin, bone glue, items made of bony material, and the entire carcass with skin, hide, or feathers attached.

**Not** covered in this section are: bones entering as trophies or consigned to a museum—regulate these importations as [Trophies](#) on **page 3-17-1**; collagen bones—regulate these products under [Animal Waste and Related By-Products](#) on **page 3-2-1**; bone, hoof, and horn meal—regulate these products as rendered products under [Animal Waste and Related By-Products](#) on **page 3-2-1**; and antlers or their products imported for medicinal use—regulate as [Asian Medicinal Products](#) on **page 3-15-11** under [Miscellaneous Products](#).

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## Casings

The *Casings* section covers animal organs used as food containers for processed meat. Examples of animal organs used for casings include bladders, bung caps, ceca (cecum), intestines, stomachs, and rectums.

**Not** all products derived from an animal's digestive organs or its bladder are casings. Therefore, **not** covered under this section are the following: stomachs imported as edible meat products (tripe)—regulate as [Meat and Meat Products](#) on **page 3-9-1**; stomachs and goat gullets imported as rennets—regulate as [Organs](#) on **page 3-16-1**; intestines, bladders, gullets, and weasands imported as inedible animal by-products that are rendered to feed animals or to make fertilizers—regulate as rendered products under [Animal Waste and Related By-Products](#) on **page 3-2-1**; dried intestines imported for making glue—regulate these by-products as glue stock under [Animal](#)

**Waste and Related By-Products** on **page 3-2-1**; and moist intestines and bung caps imported for manufacturing into articles such as prophylactics—regulate as **Organs** on **page 3-16-1**.

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## Eggs and Egg Products from Poultry, Game Birds, or Other Birds

The *Eggs and Egg Products from Poultry, Game Birds, or Other Birds* section covers eggs and egg products that are imported for both edible and inedible purposes. For example:

- ◆ Boiled eggs (hard-boiled eggs, salted eggs, pickled eggs)
- ◆ Uncooked, preserved eggs (like hundred-year eggs and peedon eggs)
- ◆ Fresh, unfertilized eggs for breaking and pasteurization
- ◆ Fresh, unfertilized eggs for food
- ◆ Baluts (fertile eggs incubated 17 days)
- ◆ Inedible egg products imported for research (e.g., liquid yokes)
- ◆ Egg shells

**Not** covered in this section are inedible eggs (fresh, fertilized) imported for hatching, including commercial importations of uncooked baluts—regulate as **Live Animals** on **page 3-8-1**; and egg cartons, crates, flats, or liners used as packing material—regulate these products as fomites under **Miscellaneous Products** on **page 3-15-1**.

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## Hides and Related By-Products

The *Hides and Related By-Products* section covers parts and by-products that come from the exterior of animals and birds. Examples include rawhide, hides, skins, capes (with or without feathers), wool of sheep, hair, bristles of swine and feathers only.

**Not** covered in this section are hides and related by-products imported as trophies or that have been processed—regulate these products as **Trophies** on **page 3-17-1**; meals derived from exterior animal parts and ground hides—regulate these products as **Animal Waste and Related By-Products** on **page 3-2-1**; and samples imported for research or diagnostic purposes—regulate as **Live Animals** on **page 3-8-1**.

## Live Animals

The *Live Animals* section covers importations of living organisms for which PPQ has approval to take regulatory action. Examples include embryos, ova, and semen imported for research purposes; and organisms and vectors imported for research purposes, including microorganisms, antisera, diagnostic reagents, monoclonal antibodies, test kits, and antivenin.

**Not** covered in this section are eggs for hatching, including commercial importations of uncooked baluts—contact the nearest VS office for further action; pet birds in passenger baggage and aboard vessels or yachts and pleasure vessels—refer to the special procedures for [Handling Pet Birds](#) on **page 2-4-18**; importations of live animals, consult with local VS office; live animals found while clearing aircraft or vessel—refer to [Live Animals](#) on **page 3-8-1**; blood or a derivative of blood—regulate these by-products under [Blood and Related By-Products](#) on **page 3-3-1**; extracts or derivatives of animal organs or glands—regulate these by-products under [Organs](#) on **page 3-16-1**; and used semen and embryo containers—refer to procedures for empty semen and embryo containers under [Empty Semen and Embryo Containers](#) on **page 2-2-13**.

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## Meat and Meat Products

The *Meat and Meat Products* section covers meat and meat products of animals and poultry. Examples include:

- ◆ Edible meat and meat products of ruminant, swine, and poultry
- ◆ Inedible meat of horse
- ◆ Products containing meat, such as soup mixes, stocks, extracts, pates
- ◆ Organs and glands imported for human consumption

**Not** covered in this section are casings—regulate under [Casings](#) on **page 3-5-1**; pet food—regulate under [Miscellaneous Products](#) on **page 3-15-1**; and organs and glands imported for purposes **other than** eating—regulate under [Organs](#) on **page 3-16-1**.

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## Milk and Milk Products

The *Milk and Milk Products* section covers all products derived from milk. Examples include cultured milk products, dry milk products, fresh (chilled or frozen) milk products that are pasteurized and require refrigeration, shelf-stable milk products that are heat processed to an

extent that refrigeration is **not** necessary, and other products derived from milk that **do not** logically fit into the previously mentioned examples.

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## Miscellaneous Products

The *Miscellaneous Products* section covers products that **do not** fit appropriately under any other section within the *Reference* chapter, but are regulated because they are at risk of transmitting animal disease viruses. Examples include birds' nests; Asian medicinal products of animal origin; fomites such as used meat covers, hay, straw, grass, and egg cartons; pet food products and pet toys; and biotechnology material.

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## Organs and Related By-Products

The *Organs and Related By-Products* section covers the internal structures of animals that are imported for purposes **other than** human consumption. This includes whole or partial organs and glands and the excretions, secretions, extracts, and derivatives of organs and glands. Examples include bile, bone marrow, fat, gall, gall stone (bovine), gullet (goat), heart, ingesta, intestine, kidneys, lips, liver, lungs, maw, musk including grains and pods, ox gall (bile), pancreas, parathyroid gland, pituitary gland, pyloric value, rennet extract, spleen, stomach, thyroid gland, tripe, and vell (calf stomach).

**Not** covered in this section are blood imported for biological use—regulate under **Blood and Related By-Products** on **page 3-3-1**; internal animal parts **other than** organs and glands imported as rendered products—regulate under **Animal Waste and Related By-Products** on **page 3-2-1**; living cultures or collections which may introduce or disseminate animal diseases as organisms and vectors—regulate under **Live Animals** on **page 3-8-1**; internal animal parts imported as pet food—regulate under **Miscellaneous Products** on **page 3-15-1**; and animal parts imported for human consumption—regulate under **Meat and Meat Products** on **page 3-9-1**.

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## Trophies

The *Trophies* section covers animal products imported for the purpose of mounting or preserving. Trophies are usually obtained during hunting expeditions. Ruminant and swine trophies include hides and skins, horns, hoofs, tusks, and other bony tissues. Bird trophies may consist of the entire carcass, an eviscerate carcass, or only the skin and feathers with head and feet attached.

**Not** covered in this section are bones entering as commercial importations—regulate under ***Bones and Related By-Products*** on **page 3-4-1**.